

OSA - 0162-66

30 December 1965

Subject: ECP'S GR-45, 46, 48, AND 50, CONTRACT
LP-2264

Dear Chuck,

STATINTL These no-cost changes are technically acceptable.
Please provide [redacted] with formal approval to proceed with them.

STATINTL Note that both numbers 45 and 50 apply to the Recorder. [redacted] advised us that the same mod symbol will not be used to identify both of these changes due to the probable difference in retrofit timing.

Regards,

George
George

Atch.

STATINTL cc: [redacted]

GA - 531		ENGINEERING STUDY CHANG. PROPOSAL <input type="checkbox"/> <input checked="" type="checkbox"/>	GR - 45							
DATE 12/9/65		AFFECTS: 531A SLR								
NAME OF MAJOR COMPONENT Recorder		PART OR LOWEST SUBASSEMBLY Electron Tube and Shield Assembly - Cathode Ray	PART NO. MODEL OR TYPE 531A701-903-101							
TITLE OF PROPOSAL: Eliminate CRT Connector Arcing										
NATURE OF PROPOSAL: Add new 531A701-013-1 Connector, 531A701-014-1 Insulator and 531A701-015 Washer in place of presently used HA/HV-3 connector. New P/N 531A701-013-1, Connector, is a modified AMP HA/HV-3 connector.										
A Mod No. will be assigned to the Recorder 531A 701-001 with this change.										
REASON FOR PROPOSAL: To prevent CRT high voltage connector from arcing at altitude.										
ES	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:									
CP	ESTIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED: N/A									
ITEMS AFFECTED BY PROPOSAL: Production units S/N A7002-9 thru 19 to be retrofitted, S/N A7002-20 and subs in line.										
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input checked="" type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT OR BALANCE <input type="checkbox"/>	TOOLS AND SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTEN- ANCE PROCEDURE <input checked="" type="checkbox"/>	SERVICE LIFE <input checked="" type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTEN- ANCE MANUAL <input checked="" type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHAN 30 min. disassemble 5 min change parts 30 min. reassemble 1 hr in T				IN FIELD:						
SOURCE OF PARTS FOR KIT:				AVAILABILITY 4 WEEKS AFTER APPROVAL						
DISPOSITION OF SPARES AFFECTED: Spares to be changed to latest configuration PPB will be changed by change notice to PSO.										

GA - 531		ENGINEERING STUDY CHANGE PROPOSAL		<input type="checkbox"/>	<input checked="" type="checkbox"/>	GR - 46	
DATE	12-9-65	AFFECTS:	31A SIR				
NAME OF MAJOR COMPONENT		PART OR LOWEST LEVEL ASSEMBLY		PART NO.			
Recorder Magazine		Shutter Lever Assembly		531A723-008-101 (old) 531A723-021-101 (new)			
TITLE OF PROPOSAL: Change Spring Action on Shutter Lever Assembly							
NATURE OF PROPOSAL: Replace 531A723-014-1 Spring and 531A723-008-101 Lever Assembly with new 531A723-022-1 Spring, 531A723-023-1 Casing Block and 531A723-021-101 Lever Assembly. A Mod No. will be assigned with this change to the magazine P/N 531A702-001-103.							
REASON FOR PROPOSAL: Design improvement to increase reliability of shutter assembly action. The shutter has not been consistently closing when magazine is pulled from the Recorder.							
ES	ESTIMATED COST AND TIME INVOLVED:						
ADDITIONAL FUNDING REQUIRED:							
CP	ESTIMATED COST FOR KITS OR PARTS:						
ADDITIONAL FUNDING REQUIRED: N/A							
ITEMS AFFECTED BY PROPOSAL: Production units P/N 7002-9 thru 19 to be retrofitted, S/N 7002-20 and sub in line.							
SAFETY	MISSION EFFECTIVENESS	PERFORMANCE	OPERATING PROCEDURE	INTER-CHANGEABILITY	WEIGHT OR WEIGHT AND BALANCE	TOOLS AND SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE				FIELD: 1 hr disassemble, 3 hr change and check, 1 hr reassemble			
SOURCE OF PARTS FOR KIT:				AVAILABILITY _____ WEEKS AFTER APPROVAL			
STATINTL DISPOSITION OF SPARES AFFECTED: Spares to be reworked to latest configuration. PPB to be changed by C/N to PSO.							

GA - 531		ENGINEERING STUDY CHANGING PROPOSAL	<input type="checkbox"/> <input checked="" type="checkbox"/>	GR- 50						
DATE 12/14/65	AFFECTS: GA531 SLR									
NAME OF MAJOR COMPONENT Recorder	PART OR LOWEST SUBASSEMBLY Metering Drum Assembly	PART NO. 531A715-005-1 (old) 531A715-020-101 (new)								
TITLE OF PROPOSAL: Modify Film Metering I - in Assembly										
NATURE OF PROPOSAL: Add new 531A714-020-101 Drum to replace 531A715-005-1 Drum. A Mod. No. will be assigned to the 531A701-001-101 Recorder with this change.										
REASON FOR PROPOSAL: Design improvement for better reliability of metering drum function. Ring is presently bonded to Drum. New design will pin ring to drum. Bonded ring position has been shifted when [redacted] hit during magazine removal. Edge guidance of film has been affected by bonding material unavoidably getting on external ring.										
ES	ESTIMATED COST AND TIME INVOLVED:									
	ADDITIONAL FUNDING REQUIRED: N/A									
CP	ESTIMATED COST FOR KITS OR PARTS:									
	ADDITIONAL FUNDING REQUIRED:									
ITEMS AFFECTED BY PROPOSAL: Production unit D - 1 is from S/N 7002-9 through -19 to be recycled through SRA for change. 1 7002-20 and subs in line.										
SAFETY <input type="checkbox"/>	MISSION EFFEC- TIVENESS <input checked="" type="checkbox"/>	PERFORM- ANCE <input type="checkbox"/>	OPERATING PROCEDURE <input type="checkbox"/>	INTER- CHANGE- ABILITY <input type="checkbox"/>	WEIGHT AND BALANCE <input type="checkbox"/>	TOOLS AND SUPPORT EQUIPMENT <input type="checkbox"/>	MAINTEN- ANCE PROCEDURE <input type="checkbox"/>	SERVICE LIFE <input type="checkbox"/>	FLIGHT MANUAL <input type="checkbox"/>	MAINTEN- ANCE MANUAL <input type="checkbox"/>
ESTIMATED MAN HOURS REQUIRED TO ACCOMPLISH CHANGE IN FIELD: 30 Min disassembles 30 min reassemble; 4 hrs align and checkout.										
SOURCE OF PARTS FOR KIT: GR					AVAILABILITY 6	WEEKS AFTER APPROVAL				
STATUS POSITION OF SPARES AFFECTED: Spares to be worked to latest configuration. PPB to be changed by C/N to PSO.										
IN t-108										